densely fulvo-tomentose, the nodes very greatly swollen and corky; leaf-scars large, prominently raised, subcircular; leaves 3-foliolate; petioles stoutish, about 7 cm. long, very densely fulvo-tomentose, abruptly swollen and corky at the apex; petiolules stoutish, 2--3 cm. long, very densely fulvo-tomentose, conspicuously ampliate at the base; leaflet-blades thin-coriaceous, narrowly elliptic, 24—29 cm. long, 6—8 cm. wide, rather long-acuminate at the apex, entire, gradually acute at the base, glabrous above, short-pubescent beneath with not very dense pubescence, the hairs simple, irregular, brownish, much reduced on the lamina itself but present on even the smallest veins and veinlets; vein and veinlet reticulation rather conspicuous above and prominulent beneath; inflorescence terminal, paniculate, with about 2 pairs of side branches, very densely fulvo-tomentose throughout; peduncles similar to the branchlets, about 8 cm. long; sympodia similar, about 4--4.5 cm. long; bractlets subtending the individual flowers numerous, conspicuous (in bud), narrowly lanceolate, 5—7 mm. long, densely fulvo-tomentose; flower-buds purplish; corolla purple, the filaments and style lighter; stamens 4.

The type of this very distinctive species was collected by Paul Chai (no. S.31713 of the Forest Department of Sarawak) in a mixed dipterocarp forest on a low ridge in the Segan Forest Reserve, Bintulu, 4th Division, Sarawak, on September 17, 1972, and is deposited in my personal herbarium at Plainfield, New Jersey. The collector records the vernacular name "entaempuloh" for the plant. It was erroneously distributed as T. sinclairii Kosterm., a unifoliolate species.

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A FIFTH SUMMARY OF THE VERBENACEAE, AVICENNIACEAE, STILBACEAE, DICRASTYLIDACEAE, SYMPHOREMACEAE, NYCTANTHACEAE, AND ERIOCAULACEAE OF THE WORLD AS TO VALID TAXA, GEOGRAPHIC DISTRIBUTION, AND SYNONYMY.

Supplement 3

Harold N. Moldenke

Since the publication of my original work under this title on December 22, 1971, no less than 5,216 new herbarium specimens of these groups have passed through my hands for study and annotation — 2,154 of these since the publication of my last previous (second) supplement on February 6, 1973 — bringing to 218,135 the number of such specimens examined to date. So many new geographic records and emendations or corrections of previous ones have in this manner come to light, and so much new literature has come to hand, that it seems best to publish a third supplement now for the benefit of the many botanists at present engaged in a number of local or regional floras. The

number of new invalid or otherwise unacceptable scientific names, including variations in accredition, misspellings due to lack of pertinent literature for reference, and misspellings due to poor editing, that have also come to light since the publication of the second supplement is also astonishingly large. To this must be added changes in nomenclature necessitated by recent taxonomic work done by workers in several lands and abundant new genetic studies which have resulted in new interspecific crosses.

Part I. Geographic distribution addenda and errata:

CANADA:
  Ontario:
    Eriocaulon pellucidum Michx. [Georgian Bay Island 500a]
UNITED STATES OF AMERICA:
  New York:
    Verbena stricta Vent. [Ontario County]
  West Virginia:
    Verbena scabra Vahl [Mason County]
  South Carolina:
    Callicarpa americana L. [Outer Otter Island]
    Phyla nodiflora (L.) Greene [Colletin County; Outer Otter Island]
    Verbena brasiliensis Vell. [Colleton County; Outer Otter Island]
  Georgia:
    Callicarpa americana L. [Baker County]
    Eriocaulon compressum Lam. [Baker & Dougherty Counties]
    Eriocaulon compressum var. harperi Moldenke [Dougherty County]
    Eriocaulon decangulare L. [Berrien & Laurens Counties]
    Stylodon carneus (Medic.) Moldenke [Seminole County]
    Verbena canadensis (L.) Britton [Baldwin County]
    Verbena halei Small [Dougherty County]
    Verbena halei f. roseiflora (Benke) Moldenke [Charlton County]
    Verbena rigida Spreng. [Baker, Dougherty, & Pulaski Counties]
    Verbena tenuisecta Briq. [Calhoun, Columbia, Early, Liberty, Pulaski, Warren, Wilcox, Wilkinson, & Worth Counties]
    Verbena tenuisecta var. alba Moldenke [Baker, Calhoun, & Early Counties]
  Florida:
    Avicennia germinans (L.) L. [Bush Key]
    Eriocaulon compressum var. harperi Moldenke [Gulf & Orange Counties]
    Lachnocaulon digynum Körn. [Franklin County]
    Lantana montevidensis (Spreng.) Briq. [Okaloosa County]
    Phyla nodiflora (L.) Greene [Garden Key]

Verbena bonariensis L. [Bay County]
Verbena halei Small [Walton County]
Verbena litoralis H.B.K.
Verbena rigida Spreng. [Bay County]
Verbena tenuisecta Briq. [Duval, Lafayette, Okaloosa, Orange, & Santa Rosa Counties]
Verbena tenuisecta var. alba Moldenke [Okaloosa, Wakulla, & Walton Counties]

Alabama:
Callicarpa americana L. [Bibb, Bullock, Calhoun, Chambers, Choctaw, Conecuh, Coosa, Crenshaw, Dallas, DeKalb, Fayette, Geneva, Henry, Lamar, Lowndes, Marion, Perry, Randolph, Russell, Shelby, & Walker Counties]
Eriocaulon compressum Lam. [Covington County]
Verbena bonariensis L. [Pike County]
Verbena brasiliensis Vell. [Covington, Greene, Hale, Houston, Lee, Lowndes, Marshall, Monroe, Perry, Pike, & Tuscaloosa Counties]
Verbena rigida Spreng. [Clarke County]
Verbena tenuisecta Briq. [Baldwin, Barbour, Choctaw, Henry, Houston, & Pike Counties]
Verbena tenuisecta var. alba Moldenke [Henry County]

Mississippi:
Verbena bonariensis L. [Perry County]
Verbena tenuisecta Briq. [Stone County]

Ohio:
Phyla lanceolata (Michx.) Greene [Adams County]

Illinois:
xVerbena moechina Moldenke [Stony Island]

Iowa:
xVerbena rydbergii Moldenke [Black Hawk County]
Verbena stricta Vent. [Hardin County]

Michigan:
Eriocaulon pellucidum Michx. [Emmet County]

Arkansas:
Verbena bipinnatifida Nutt. [Franklin County]
Verbena urticifolia var. leiocarpa Perry & Fernald [Arkansas County]

Louisiana:
Eriocaulon decangulare var. minor Moldenke [Natchitoches Parish]
Verbena tenuisecta Briq. [Washington Parish]
Verbena tenuisecta var. alba Moldenke [Lincoln Parish]

Utah:
Verbena hastata var. scabra Moldenke [Salt Lake County]

Nebraska:
Verbena hastata var. scabra Moldenke [Holt County]

Idaho:
Verbena bracteata Lag. & Rodr. [Blaine & Owyhee Counties]
Oklahoma:
Verbena bracteata Lag. & Rodr. [Newton County]
Texas:
Verbena bipinnatifida Nutt. [Smith County]
Verbena brasiliensis Vell. [Brazos County]
Verbena ciliata var. longidentata Perry [Grimes County]
Verbena hastata var. scabra Moldenke [Potter County]
Verbena tenuisecta Briq. [Smith County]
Verbena urticifolia L. [Smith County]
Vitex negundo var. intermedia (P'ei) Moldenke [Collingsworth County]

MEXICO:
Citharexylum ligustrinum Van Houtte [Hidalgo]
Clerodendrum philippinum f. subfertile Moldenke [Hidalgo]
Cornutia grandifolia var. intermedia Moldenke [Veracruz]
Duranta repens var. alba (Masters) L. H. Bailey [Veracruz]
Eriocaulon schiedeanum Körn. [Nayarit]
Lantana frutilla var. velutina Moldenke [Oaxaca]
Lantana velutina f. violacea Moldenke [Colima]
Priva lappulacea f. albiflora Moldenke [Veracruz]
Verbena carolina f. albiflora Moldenke [Jalisco]
Verbena elegans var. asperata Perry [Querétaro]
Verbena longifolia f. albiflora Moldenke — delete the asterisk
Verbena pumila Rydb. [Oaxaca]

GUATEMALA:
Citharexylum hexangulare Greenm. [Izabal]
Clerodendrum philippinum f. subfertile Moldenke [Escuintla & Izabal]
Lantana chiapasensis Moldenke [El Petén]
Lantana glandulosissima f. albiflora Moldenke [El Petén]*
Lantana hirta Grah. [Baja Verapaz]
Lantana trifolia f. hirsuta Moldenke [Izabal]
Lippia chiapasensis Loes. [El Quiché]
Stachytarpheta australis Moldenke [Izabal]
Verbena carolina L. [Baja Verapaz]
Verbena longifolia f. albiflora Moldenke [El Quiché]

HONDURAS:
Bouchea nelsonii Grenz. [Distrito Central]
Citharexylum lankesteri Moldenke [Morazán]
Cornutia lilacina var. velutina Moldenke [Distrito Central & El Paraíso]
Phyla scaberrima (A. L. Juss.) Moldenke [Distrito Central]
Priva lappulacea (L.) Pers. [Copán]
Stachytarpheta frantzii Polak. [Distrito Central & El Paraíso]
Verbena litoralis var. albiflora Moldenke [Distrito Central]

BAY OF HONDURAS ISLANDS:
Avicennia germinans (L.) L. [Manowar, North Silk, & Tobacco Cays]
NICARAGUA:
Eriocaulon seemannii Moldenke [Cabo Gracias á Díos]
Lantana trifolia f. *oppositifolia* Moldenke [Nueva Segovia]
Lippia alba (Mill.) N. E. Br. [Rio San Juan]
Phyla nodiflora (L.) Greene [Boaco]
Stachytarpheta frantzii Polak. [Rio San Juan]
PANAMA:
Aegiphila anomala Pittier [Chiriquí]
Aegiphila costaricensis Moldenke [Bocas del Toro & Darién]
Aegiphila hirsutissima Moldenke [Darién]
Aegiphila magnifica var. *pubescens* Moldenke [Veraguas]
Aegiphila odontophylla Donn. Sm. [Chiriquí]
Eriocaulon seemannii Moldenke — delete the asterisk
BERMUDA ISLANDS:
Clerodendrum philippinum f. *subfertile* Moldenke [Main]
CUBA:
Clerodendrum philippinum f. *subfertile* Moldenke [Las Villas]
CAYMAN ISLANDS:
Lantana involucrata f. *rubella* Moldenke [Grand Cayman]
JAMAICA:
Lantana involucrata f. *rubella* Moldenke
Lantana reticulata f. *albiflora* Moldenke
Stachytarpheta australis f. *albiflora* Moldenke
HISPANIOLA:
Clerodendrum philippinum var. *simplex* Moldenke [Haiti]
Stachytarpheta australis Moldenke [Dominican Republic & Haiti]
PUERTO RICO:
Clerodendrum philippinum f. *subfertile* Moldenke
LEEWARD ISLANDS:
Clerodendrum philippinum f. *subfertile* Moldenke [Guadeloupe]
WINDWARD ISLANDS:
Aegiphila barbadensis Moldenke — to be deleted
Aegiphila martinicensis f. *barbadensis* (Moldenke) Moldenke [Barbados]*
TRINIDAD AND TOBAGO:
Aegiphila elata var. *macrophylla* (H.B.K.) López-Palacios [Trinidad]
COLOMBIA:
Aegiphila alba Moldenke [Valle del Cauca]
Aegiphila bogotensis f. *ternata* Moldenke [Cundinamarca]*
Aegiphila elata Sw. [delete "Chocó"]
Aegiphila elata var. *macrophylla* (H.B.K.) López-Palacios [Chocó]
Aegiphila mollis var. *intermedia* Moldenke — delete the asterisk
Aegiphila peruviana Turcz. [Bolívar]

Aegiphila ternifolia (H.B.K.) Moldenke [Santander; delete "Cundinamarca"]
Aegiphila verrucosa Schau. — to be deleted
Citharexylum dryanderae Moldenke — delete the asterisk
Citharexylum karsteni var. lanceolatum Moldenke -- delete the asterisk
Lippia schlimii Turcz. — delete the asterisk

VENEZUELA:

Aegiphila elata Sw. [Barinas]
Aegiphila elata var. macrophylla (H.B.K.) López-Palacios [Apure, Barinas, Carabobo, Sucre, & Yaracuy]
Aegiphila grandis Moldenke [delete "Mérida"]
Aegiphila macrophylla H.B.K. — to be deleted
Aegiphila meridensis López-Palacios [Mérida]*
Aegiphila moldenkeana López-Palacios [Bolívar & Mérida]*
Aegiphila mollis H.B.K. [Barinas]
Aegiphila mollis var. intermedia Moldenke [Barinas]
Aegiphila ternifolia (H.B.K.) Moldenke [Aragua, Federal District, & Mérida]
Aegiphila ternifolia f. oppositifolia López-Palacios [Aragua]*
Aegiphila verrucosa Schau. — to be deleted
Bouchea prismatica (L.) Kuntze [Barinas]
Citharexylum decorum Moldenke [Federal District]
Citharexylum dryanderae Moldenke [Táchira]
Citharexylum karsteni var. lanceolatum Moldenke [Mérida]
Duranta mutisii L. f. [Trujillo]
Duranta repens var. lopez-palacii Moldenke [Mérida]*
Lantana glandulosissima Hayek — to be deleted
Lantana glutinosa Poepp. [Guárico]
Lantana moritziana f. parvifolia Moldenke [Guárico]
Lippia schlimii Turcz. [Trujillo]
Lippia schomburgkiana Schau. [Mérida]
Paepalanthus perplexans Moldenke [Amazonas]
Paepalanthus phelpsae Moldenke [Bolívar]*
Priva lappulacea (L.) Pers. [Mérida]
Syngonanthus glandulosus var. epapillosus Moldenke [Bolívar]
Syngonanthus xeranthemoides f. brevifolius Moldenke [Bolívar]
Syngonanthus xeranthemoides var. grahamae Moldenke [Bolívar]
Syngonanthus xeranthemoides var. tricostatus (Gleason) Moldenke [Amazonas & Bolívar]
Verbena parvula Hayek [Trujillo]
Vitex capitata Vahl [Barinas]

GUYANA:

Paepalanthus fasciculatus f. sphaerocephalus Herzog
Paepalanthus plantaginioides (Desv.) Körn.*-- this is the corrected entry
Syngonanthus xeranthemoides var. grahamae Moldenke -- delete the

asterisk
Syngonanthus xeranthemoides var. tricostatus (Gleason) Moldenke
SURINAM:
Syngonanthus glandulosus var. epapillosus Moldenke
ECUADOR:
Aegiphila alba Moldenke -- delete the asterisk
PERU:
Aegiphila cordata Poepp. [San Martín]
Paepalanthus planifolius (Bong.) Körn. [Amazonas & Cajamarca]
Stachytarpheta peruviana Moldenke [Loreto]
Vitex triflora var. hirsuta Moldenke [Loreto]
BRAZIL:
Aegiphila chrysantha Hayek [Acre]
Aegiphila cordata var. villosissima (Moldenke) Moldenke [Acre & Mato Grosso]*
Aegiphila froesi Moldenke [Acre]
Aegiphila mollis var. surfaceana (Moldenke) Moldenke [Amazônas & Pará]*
Aegiphila peruviana Turcz. [Roraima]
Aegiphila surfaceana Moldenke -- to be deleted
Aegiphila villosissima Moldenke -- to be deleted
Eriocaulon argentimum Castell. [Paraná]
Eriocaulon deslandesii Alv. Silv. -- to be deleted
Eriocaulon modestum Kunth [Marinheiros Island]
Eriocaulon modestum f. viviparum Herzog [delete "Goiás"]
Eriocaulon paranense Moldenke -- to be deleted
Eriocaulon reitzii Moldenke & Smith [Santa Catarina]*
Eriocaulon sellowianum var. longifolium Moldenke [São Paulo]
Eriocaulon sellowianum var. paranense (Moldenke) Moldenke & Smith [Paraná & Santa Catarina]
Lippia recolletae Morong [Mato Grosso]
Paepalanthus catharinae var. hatschbachi (Moldenke) Moldenke & Smith [Paraná, Rio Grande do Sul, & Santa Catarina]*
Paepalanthus globulifer Alv. Silv. -- to be deleted
Paepalanthus hatschbachii Moldenke -- to be deleted
Paepalanthus langsdorffii var. caracensis Moldenke [Minas Gerais]*
Paepalanthus langsdorffii var. chapadensis Moldenke -- to be deleted
Paepalanthus leiseringii var. kleinii Moldenke & Smith [Santa Catarina]*
Paepalanthus phaeocephalus Ruhl. [Mato Grosso]
Paepalanthus planifolius var. globulifer (Alv. Silv.) Moldenke & Smith [Minas Gerais, Santa Catarina, & São Paulo]*
Paepalanthus polyanthus f. villosus (Beauverd) Moldenke & Smith [Guanabara, Minas Gerais, Rio de Janeiro, Santa Catarina, & São Paulo]*

Paepalanthus polyanthus var. villosus Beauverd -- to be deleted
Paepalanthus tortilis (Bong.) Mart. [Mato Grosso]
Stachytarpheta polyura Schau. [Paraná]
Syngonanthus chrysanthus var. castrensis Moldenke & Smith [Paraná]*
Syngonanthus glandulosus var. epapillosus Moldenke [Amapá, Goiás, Mato Grosso, & Minas Gerais]
Syngonanthus philcoxii Moldenke [Mato Grosso]*
Syngonanthus xeranthemoides f. brevifolius Moldenke [Mato Grosso]
Syngonanthus xeranthemoides var. tricostatus (Gleason) Moldenke [Goiás, Mato Grosso, & Minas Gerais]
Verbena hasslerana var. glandulosa Moldenke [Mato Grosso]*
Verbena pedicellata Moldenke [Mato Grosso]*
Vitex polygama var. bakeri Moldenke [Mato Grosso]
Vitex triflora var. hirsuta Molddnke — delete the asterisk

BOLIVIA:
Lantana fucata f. albiflora Moldenke [Santa Cruz]

PARAGUAY:
Eriocaulon sellowianum var. paranense (Moldenke) Moldenke & Smith

CHILE:
Phyla nodiflora var. canescens (H.B.K.) Moldenke [Bío-Bío]

ARGENTINA:
Eriocaulon argentinum Castell. [Corrientes]
Eriocaulon leptophyllum Kunth — to be deleted
Lantana tiliaefolia Cham. [Salta]
Lantana venturi Moldenke [Corrientes]
Verbena laciniata (L.) Briq. [Buenos Aires]

MACARONESIA:
Verbena supina L. [Gran Canaria]

SCILLY ISLANDS:
Verbena officinalis L. [Saint Marys & Tresco]

PORTUGAL:
Phyla nodiflora var. rosea (D. Don) Moldenke

LIECHTENSTEIN:
Verbena officinalis L.

GULF OF SPEZIA ISLANDS:
Verbena officinalis L. [Palmaria]

CYPRUS:
Verbena officinalis L.

MOLARA:
Vitex agnus-castus L.

UNION OF SOVIET SOCIALIST REPUBLICS:
Verbena officinalis L. [Armenia]

SUDAN:
Lantana antidotalis Schum. & Thonn. [Dafur]
Lantana viburnoides (Forsk.) Vahl [Dafur]
Premna resinosa (Hochst.) Schau. [Dafur]
Svensonia laeta (Fenzl) Moldenke [Dafur]

SIERRA LEONE:
Clerodendrum welwitschii Gürke
IVORY COAST:
Clerodendrum capitatum (Willd.) Schum. & Thonn.
Lantana rugosa Thunb.
Lippia abyssinica (Otto & Dietr.) Cuf.
GHANA:
Lantana camara var. *aculeata* (L.) Moldenke
Phyla nodiflora f. *spathulata* Moldenke
REPUBLIC OF THE CONGO:
Clerodendrum buchholzii Gürke
Clerodendrum erectum DeWild.
Clerodendrum fuscum Gürke
Clerodendrum welwitschii Gürke
Kalaharia uncinata (Schinz) Moldenke
Lantana camara L.
Lippia abyssinica (Otto & Dietr.) Cuf.
Vitex cuspidata Hiern
Vitex doniana Sweet
Vitex rivularis Gürke
Vitex thyrsiflora J. G. Baker
UGANDA:
Eriocaulon mutatum N. E. Br.
Eriocaulon stoloniferum Welw.
Eriocaulon teusczii Engl. & Ruhl.
Eriocaulon transvaalicum N. E. Br.
Eriocaulon transvaalicum var. *hanningtonii* (N. E. Br.) Meikle
Eriocaulon woodii N. E. Br.
Mesanthemum erici-rosenii T. Fries
TANGANYIKA:
Clerodendrum buchholzii Gürke
Lantana camara L.
Lippia abyssinica (Otto & Dietr.) Cuf.
Vitex doniana var. *parvifolia* (Engl.) Moldenke
Vitex trifolia L.
ZANZIBAR:
Clerodendrum discolor (Klotzsch) Vatke
Clerodendrum ternatum Schinz
ANGOLA:
Eriocaulon stoloniferum Welw. -- delete the asterisk
Lippia pearsoni Moldenke -- delete the asterisk
ZAMBIA:
Lantana tiliaefolia Cham.
NAMIBIA:
Clerodendrum sativum L.*
SOUTH AFRICA:
Lippia pearsoni Moldenke [Cape Province & Natal]

Verbena hispida Ruíz & Pav. [Cape Province]
Verbena tenuisecta Briq, [Cape Province]
PAKISTAN:
Vitex negundo var. trifoliolata Moldenke [Baluchistan]*
NEPAL:
Caryopteris nepalensis var. parvifolia Moldenke*
INDIA:
Avicennia marina (Forsk.) Vierh. [Manauli Island]
Clerodendrum heterophyllum var. angustifolium Moldenke [Kerala]
Clerodendrum inerme (L.) Gaertn. [Madhya Pradesh]
Clerodendrum lindleyi Decaisne [Assam]
Clerodendrum paniculatum L. [Mysore]
Clerodendrum philippinum f. subfertile Moldenke [East Punjab]
Clerodendrum splendens G. Don [Madhya Pradesh]
Lantana camara var. angustifolia Moldenke [Mysore]
Lantana tiliaefolia Cham. [Delhi]
Petrea volubilis L. [Maharashtra]
Premna bengalensis C. B. Clarke [Mysore]
xStachytarpheta trimeni Rech. [Mysore]
Vitex trifolia var. simplicifolia Cham. [Kerala]
Vitex trifolia var. subtrisecta (Kuntze) Moldenke [Kerala]
CEYLON:
Lantana tiliaefolia Cham.
CHINESE COASTAL ISLANDS:
Clerodendrum cyrtophyllum Turcz. [Lantau]
Clerodendrum philippinum Schau. [Hainan]
Vitex quinata (Lour.) F. N. Will. [Lantau]
Vitex trifolia var. subtrisecta (Kuntze) Moldenke [Lantau]
THAILAND:
Hymenopyramis parvifolia var. nitida Moldenke*
Premna esculenta Roxb.
Vitex pinnata var. alata Moldenke
INDOCHINA:
Callicarpa brevipes (Benth.) Hance [Cambodia & Vietnam]
Callicarpa rubella Lindl. [Cambodia]
Clerodendrum philippinum Schau. [Cambodia, Laos, & Vietnam]
Eriocaulon willdenovianum Moldenke [Cambodia]
Gmelina asiatica L. [Laos & Vietnam]
Sphenodesme pentandra Jack [Cambodia & Vietnam]
Vitex pinnata L. [Vietnam]
MALAYA:
Glossocarya mollis Wall. [Langkawi]
Premna cordifolia Roxb. [Malacca]
Premna foetida Reinw. [Kedah & Perlis]
Teijsmanniodendron coriaceum (C. B. Clarke) Kosterm. [Pahang]
JAPAN:
Caryopteris incana (Thunb.) Miq. [Koshiki]

Clerodendrum trichotomum Thunb. [Koshiki]
Clerodendrum trichotomum var. esculentum Mak. [Kyushu] — delete the asterisk

FORMOSA:
Clerodendrum trichotomum var. esculentum Mak.
Eriocaulon merrillii Ruhl.
Eriocaulon truncatum Hamilt.

PHILIPPINE ISLANDS:
Avicennia marina (Forsk.) Vierh. [Bosan]
Clerodendrum incisum var. macrosiphon (Hook. f.) J. G. Baker [Luzon]
Stachytarpheta jamaicensis (L.) Vahl [Palawan]
Vitex trifolia var. simplicifolia Cham. [Palawan]

MARIANA ISLANDS:
Stachytarpheta jamaicensis (L.) Vahl [Saipan]
Stachytarpheta urticaefolia (Salisb.) Sims [Guam]

PALAU ISLANDS:
Lantana camara var. aculeata (L.) Moldenke [Koror]
Phyla nodiflora (L.) Greene [Asor]

GREATER SUNDA ISLANDS:
Clerodendrum lindleyi Decaisne [Sumatra]
Clerodendrum philippinum f. subfertile Moldenke [Sumatra]
Teijsmanniodendron ahernianum (Merr.) Bakh. [Sarawak]
Teijsmanniodendron bintuluense Moldenke [Sarawak]*
Teijsmanniodendron borneënse Moldenke [Borneo]*
Vitex quinata var. puberula (H. J. Lam) Moldenke [Java, Moena, Sabah, & Sumatra]
Viticipremna philippinensis (Turcz.) H. J. Lam [Borneo]

MOLUCCA ISLANDS:
Symphorema luzonicum (Blanco) Fern.-Vill. [Tanimbar]

CAROLINE ISLANDS:
Gmelina elliptica J. E. Sm. [Arekalong]

MARSHALL ISLANDS:
Stachytarpheta urticaefolia (Salisb.) Sims [Jabor & Jaluit]

WAKE ISLAND:
Vitex trifolia var. subtrisecta (Kuntze) Moldenke [Peale]

GILBERT ISLANDS:
Clerodendrum inerme (L.) Gaertn. [Gilbert]

NEW GUINEA:
Clerodendrum quadriloculare (Blanco) Merr. [Papua]
Phyla nodiflora var. reptans (Spreng.) Moldenke [Papua]
Vitex canescens Kurz [Papua]

NEW CALEDONIAN ISLANDS:
Clerodendrum inerme (L.) Gaertn. [Maitre]

FIJI ISLANDS:
Clerodendrum wallichii Merr. [Ovalau]

AUSTRALIA:
Verbena bonariensis L. [Capital Territory]
Verbena supina f. erecta Moldenke [New South Wales]
COOK ISLANDS:
Lantana camara L. [Rarotonga]
Stachytarpheta urticaefolia (Salisb.) Sims [Aitutaki]
CULTIVATED:
Aloysia chamaedryfolia Cham. [New York]
Aloysia triphylla (L'Hér.) Britton [Venezuela & Washington]
Caryopteris divaricata (Sieb. & Zucc.) Maxim. [New York]
Caryopteris incana (Thunb.) Miq. [Pennsylvania]
Caryopteris nepalensis Moldenke [Pennsylvania]
Caryopteris nepalensis var. parvifolia Moldenke [Florida]
Citharexylum berlandieri B. L. Robinson [California]
Citharexylum ligustrinum Van Houtte [Pennsylvania]
Citharexylum spinosum L. [Singapore]
Clerodendrum aculeatum (L.) Schlecht. [Puerto Rico]
Clerodendrum bungei Steud. [Georgia]
Clerodendrum calamitosum L. [Philippine Islands & Singapore]
Clerodendrum colebrokianum Walp. [California]
Clerodendrum cyrtophyllum Turcz. [Florida]
Clerodendrum indicum (L.) Kuntze [Hawaiian Islands]
Clerodendrum inerme (L.) Gaertn. [Fanning Island]
Clerodendrum macrostegium Schau. [Philippine Islands]
Clerodendrum paniculatum L. [Pennsylvania]
Clerodendrum philippinum Schau. [Pennsylvania]
Clerodendrum philippinum f. subfertile Moldenke [Brazil, England, & Guadeloupe]
Clerodendrum quadriloculare (Blanco) Merr. [Philippine Islands]
Clerodendrum schweinfurthii var. bakeri (Gürke) Thomas [Pennsylvania]
Clerodendrum speciosissimum Van Geert [Canada, Cayman Islands, Missouri, & Pennsylvania]
Clerodendrum splendens G. Don [Egypt, Missouri, Pennsylvania, & Sputh Africa]
Clerodendrum thomsonae Balf. f. [Alabama]
Clerodendrum trichotomum Thunb. [Scotland]
Clerodendrum trichotomum var. fargesii (Dode) Rehd. [Scotland]
Clerodendrum trichotomum var. ferrugineum Nakai [England & Florida]
Clerodendrum ugandense Prain [Pennsylvania & South Africa]
Clerodendrum umbellatum Poir. [Singapore & Venezuela]
Clerodendrum umbellatum var. speciosum (Dombrain) Moldenke [Cayman Islands & Philippine Islands]
Clerodendrum wallichii Merr. [Pennsylvania]
Congea tomentosa Roxb. [Jamaica]
Cornutia lilacina var. velutina Moldenke [Florida]

Duranta peruviana var. longipedicellata Moldenke [California]
Duranta repens L. [Singapore]
Duranta repens var. canescens Moldenke [Missouri]
Duranta stenostachya Tod. [Florida & Hawaiian Islands]
Geunsia farinosa Blume [Florida]
Gmelina arborea var. glaucescens C. B. Clarke [Venezuela]
Gmelina asiatica L. [Pennsylvania]
Gmelina philippensis Cham. [Netherlands]
Holmskioldia sanguinea Retz. [Cayman Islands, Pennsylvania, Philippine Islands, & Saint Kitts]
Holmskioldia tettensis (Klotzsch) Vatke [Florida]
Hosea lobbii (C. B. Clarke) Ridl. [Singapore]
Lachnostachys eriobotrya (F. Muell.) Druce [Australia]
Lachnostachys verbascifolia F. Muell. [Australia]
Lantana camara L. [Pennsylvania]
Lantana camara var. aculeata (L.) Moldenke [Canada & Ethiopia]
Lantana camara var. alba Moldenke [District of Columbia & Mexico]
Lantana camara var. flava (Medic.) Moldenke [Puerto Rico]
Lantana camara var. hybrida (Neubert) Moldenke [Pennsylvania]
Lantana camara var. mista (L.) L. H. Bailey [District of Columbia]
Lantana mearnsii var. latibracteolata Moldenke [Tanganyika]
Lantana montevidensis (Spreng.) Briq. [Fiji Islands & Singapore]
Lantana tiliaefolia Cham. [Pennsylvania]
Lantana velutina Mart. & Gal. [Missouri]
Lippia alba (Mill.) N. E. Br. [Pennsylvania]
Lippia micromera Schau. [Jamaica]
Petrea arborea H.B.K. [South Africa]
Petrea aspera Turcz. [Pennsylvania]
Petrea volubilis L. [Missouri]
Petrea volubilis var. albiflora (Standl.) Moldenke [Pennsylvania]
Phyla nodiflora var. canescens (H.B.K.) Moldenke [California]
Pityrodia teckiana (F. Muell.) E. Pritz. [Australia]
Pityrodia verbascina (F. Muell.) Benth. [Australia]
Premna cumingiana Schau. [Philippine Islands]
Premna nauseosa Blanco [Philippine Islands]
Rhaphithamnus venustus (R. A. Phil.) B. L. Robinson [Pennsylvania]
Stachytarpheta mutabilis (Jacq.) Vahl [California]
Stachytarpheta urticaefolia (Salisb.) Sims [Sumatra]
Symphorema luzonicum (Blanco) Fern.-Vill. [Philippine Islands]
Tectona grandis L. f. [Guatemala, Mexico, Republic of Guinea, & Venezuela]
Tectona grandis f. glabrifolia Moldenke [Florida]
Verbena bipinnatifida Nutt. [Canada]

Verbena bonariensis var. conglomerata Briq. [England]
"Verbena canadensis (L.) Britton x V. ambrosifolia Rydb." [Massachusetts]*
"Verbena canadensis (L.) Britton x V. bipinnatifida Nutt." [Massachusetts]*
"Verbena canadensis (L.) Britton x V. elegans H.B.K." [Massachusetts]*
"Verbena canadensis (L.) Britton x V. maritima Small" [Massachusetts]*
"Verbena canadensis (L.) Britton x V. peruviana (L.) Britton" [Massachusetts]*
"Verbena canadensis (L.) Britton x V. tampensis Nash" [Massachusetts]*
Verbena elegans var. asperata Perry [Mexico & Pennsylvania]
Verbena gooddingii var. nepetifolia Tidestr. [Pennsylvania]
xVerbena hybrida Voss [Zambia]
xVerbena intercedens Briq. [Maryland & New York]
Verbena laciniata (L.) Briq. [France]
"Verbena megapotamica Spreng. x V. pulchella Sweet" [Massachusetts]*
"Verbena megapotamica Spreng. x V. santiaguensis (Covas & Schnack) Moldenke" [Massachusetts]*
Verbena peruviana (L.) Britton [Jersey & Pennsylvania]
Verbena phlogiflora Cham. [Eire & France]
Verbena rigida Spreng. [Canada]
xVerbena teasii Moldenke [Curacao]
Verbena tenuisecta Briq. [New Jersey & Venezuela]
Verbena tenuisecta var. alba Moldenke [New Jersey & Philippine Islands]
Vitex altissima L. f. [Ceylon]
Vitex negundo var. cannabifolia (Sieb. & Zucc.) Hand.-Mazz. [Canada]
Vitex negundo var. heterophylla f. multifida (Carr.) Rehd. [Pennsylvania]
Vitex negundo var. intermedia (P'ei) Moldenke [Cayman Islands]
Vitex trifolia var. subtrisecta (Kuntze) Moldenke [New York & Singapore]

FOSSILIZED:

Eriocaulon porosum Lesq. — to be deleted
Verbenophyllum aculeatum Ettingsh. [Miocene of Austria]* — delete "Germany"

Part II. Rejected scientific names and misspellings addenda & errata:

Aegiphila [López-Palacios] = Euaegiphila Moldenke
Aegiphila latifolia Willd. = A. elata var. macrophylla (H.B.K.)

López-Palacios — this is the corrected entry
Aegiphila macrophylla Humb. = A. elata var. macrophylla (H.B.K.) López-Palacios — this is the corrected entry
Aegiphila macrophylla Humb. & Bonpl. = A. elata var. macrophylla (H.B.K.) López-Palacios — this is the corrected entry
Aegiphila macrophylla H.B.K. = A. elata var. macrophylla (H.B.K.) López-Palacios — this is the corrected entry
Aegiphila macrophylla Humb. & Kunth = A. elata var. macrophylla (H.B.K.) López-Palacios — thos is the corrected entry
Aegiphila macrophylla Kunth = A. elata var. macrophylla (H.B.K.) López-Palacios — this is the corrected entry
Aegiphila novo-granatensis [Moldenke] = A. novogranatensis Moldenke
Aegiphila odontophilla [Donn. Sm.] = A. odontophylla Donn. Sm.
Aegiphila paraguariensis Brig. = A. paraguariensis Briq.
Aegiphila sesiliflora [Moldenke] = A. sessiliflora Moldenke
Aegiphila surfaceana Moldenke = A. mollis var. surfaceana (Moldenke) Moldenke
Aegiphila surfacei Moldenke = A. mollis var. surfaceana (Moldenke) Moldenke — this is the corrected entry
Aegiphila ternifolia f. ternifolia [López-Palacios] = A. ternifolia (H.B.K.) Moldenke
Aegiphila velutina Huber = A. mollis var. surfaceana (Moldenke) Moldenke — this is the corrected entry
Aegiphila verrucosa Schau. = A. ternifolia (H.B.K.) Moldenke
Aegiphila villosissima Moldenke = A. cordata var. villosissima (Moldenke) Moldenke
Aegiphyla macrophylla Willd. = Aegiphila elata var. macrophylla (H.B.K.) López-Palacios — this is the corrected entry
Anon. repens Walt. = Phyla nodiflora (L.) Greene
Avicennia alba Auct. = A. marina var. acutissima Stapf & Moldenke
Avicennia marina var. australasica (Walp.) Moldenke = A. marina var. resinifera (Forst.) Bakh.
Avicennia marina var. resimifera Perry = A. eucalyptifolia Zipp.
Bouchéa ehrenbergiana Cham. = Bouchea prismatica (L.) Kuntze
Brückea eglandulosa Klotzsch & Karst. = Aegiphila ternifolia (H.B.K.) Moldenke — this is the corrected entry
Brückea grandifolia (Willd.) Klotzsch & Karst. = Aegiphila ternifolia (H.B.K.) Moldenke — this is the corrected entry
Brückea verrucosa (Schau.) Klotzsch & Karst. = Aegiphila ternifolia (H.B.K.) Moldenke — this is the corrected entry
Brueckea eglandulosa Klotzsch & Karst. = Aegiphila ternifolia (H.B.K.) Moldenke — this is the corrected entry
Brueckea grandifolia Klotzsch & Karst. = Aegiphila ternifolia (H.B.K.) Moldenke — this is the corrected entry
Brueckea verrucosa (Schau.) Klotzsch & Karst. = Aegiphila ternifolia (H.B.K.) Moldenke — this is the corrected entry

Callicarpa bodinieri var. giraldii (Hesse ex Rehd.) Rehd. = C. bodinieri var. giraldii (Hesse) Rehd.
Callicarpa giraldii Hesse ex Rehd. = C. bodinieri var. giraldii (Hesse) Rehd.
Callicarpa rebella Farnsworth = C. rubella Lindl.
Camara aculeata Auct. = Lantana camara var. aculeata (L.) Moldenke
Caryopteris foetida (D. Don) Thell. = C. grata Benth.
Caryopteris incana (Thunb. ex Houtt.) Miq. = C. incana (Thunb.) Miq.
Chaschanum E. Mey. = Chascanum E. Mey.
Chaschanum cuneifolium (L. f.) E. Mey. = Chascanum dehiscens (L. f.) E. Mey.
Citarexyllum Shah = Citharexylum B. Juss.
Citarexyllum fruticosum Shah = Citharexylum fruticosum L.
Citharexylum cordatum Hort. = C. tristachyum Turcz.
Citharexylum subflavescens H.B.K. = C. subflavescens Blake
Clerodeddrum Gürke = Clerodendrum Burm.
Clerodeddrum caesium Gürke = Clerodendrum caesium Gürke
Clerodendron erectum DeWild. = Clerodendrum erectum DeWild.
Clerodendron flagrans Willd. = Clerodendrum philippinum Schau,
Clerodendron foetidum fl. pl. Jack = Clerodendrum philippinum f. subfertile Moldenke
Clerodendron fragans Vent. = Clerodendrum philippinum Schau.
Clerodendron paniculatus L. = Clerodendrum paniculatum L.
Clerodendron triphylla Harv. = Clerodendrum triphyllum (Harv.) H. H. W. Pears.
Clerodendron viscosa Vasey = Clerodendrum trichotomum var. ferrugineum Nakai
Clerodendron volubilis P. Beauv. = Clerodendrum volubile P. Beauv.
Clerodendrum bakeri Gürke = C. schweinfurthii var. bakeri (Gürke) Thomas
Clerodendrum buchholtzii Gürke = C. buchholzii Gürke
Clerodendrum calamatosum L. = C. calamitosum L.
Clerodendrum capitatum Schum. & Thonn. = C. capitatum (Willd.) Schum. & Thonn.
Clerodendrum capitatum var. capitatum (Willd.) Schum. & Thonn. = C. capitatum (Willd.) Schum. & Thonn.
Clerodendrum fallax Hort. = C. speciosissimum Van Geert
Clerodendrum florabundum Hassall = C. floribundum R. Br.
Clerodendrum fragrans (Vent.) Ait. = C. philippinum Schau.
Clerodendrum paniculata Perry = C. paniculatum L.
Clerodendrum philippinum 'Pleniflorum' Encke & Buchheim = C. philippinum Schau.
Clerodendrum sativum L. — delete this entry
Clerodendrum speciosissimum Van Geer = C. speciosissimum Van Geert
Clerodendrum spinescens Gürke = Kalaharia uncinata (Schinz) Moldenke

Clerodendrum thompsonae Fosberg = C. thomsonae Balf. f.
Clerodendrum thomsonae variegatum Graf = C. thomsonae var. variegatum Hort.
Clerodendrum thomsoni H. Fisch. = C. thomsonae Balf. f.
Clerodendrum thomsoniae Balf. f. = C. thomsonae Balf. f.
Clerodendrum unbellatum Poir. = C. umbellatum Poir.
Clerodendrum unbellatum var. umbellatum [Lewalle] = C. umbellatum Poir.
Cornutia grandiflora (Schlecht. & Cham.) Schauer = C. grandifolia (Schlecht. & Cham.) Schau.
Cornutia grandiflora (Sw.) Schaw = C. grandifolia (Schlecht. & Cham.) Schau.
Cornutia microcalycina (Pav.) Moldenke = C. microcalycina Pav. & Moldenke
Cytarexylun Moldenke = Citharexylum B. Juss.
Cytarexylun montevidense (Spr.) Moldenke = Citharexylum montevidense (Spreng.) Moldenke
Dipyrena glaberrima (Gill. & Hook.) Mold. = D. glaberrima (Gill. & Hook.) Hook.
Dupatya plantaginodes (Hamilt.) Kuntze = Paepalanthus plantaginioides (Desv.) Körn.
Dupatya plantaginodes Kuntze = Paepalanthus plantaginioides (Desv.) Körn. — this is the corrected entry
Dupatya plantaginoides Kuntze = Paepalanthus plantaginioides (Desv.) Körn. — this is the corrected entry
Durante plumieri Jacq. = Duranta repens L.
Egiphylla macrophylla H.B.K. = Aegiphila elata var. macrophylla (H.B.K.) López-Palacios — this is the corrected entry
Eriocaulon afzelianum Wikstr. ex Körn. = E. afzelianum Wikstr.
Eriocaulon argentinum Castell. — delete this entry
Eriocaulon bongense Engl. & Ruhl. ex Ruhl. = E. bongense Engl. & Ruhl.
Eriocaulon calvalense Alv. Silv. = E. cabralense Alv. Silv.
Eriocaulon cinereum var. sieboldianum (Sieb. & Zucc.) T. Koyama = E. cinereum R. Br.
Eriocaulon cinereum sieboldianum Huang = E. cinereum R. Br.
Eriocaulon decanqulare Walt. = E. compressum Lam.
Eriocaulon dendroides Humb. = Paepalanthus pilosus (H.B.K.) Kunth
Eriocaulon deslandesii Alv. Silv. = A. magnificum Ruhl.
Eriocaulon dusenii C. Diogo = E. modestum f. viviparum Herzog
Eriocaulon gnaphalodes Willis = E. compressum Lam.
Eriocaulon iridifolium D. Dietr. = Paepalanthus planifolius (Bong.) Körn.
Eriocaulon lacteum "of ed. 1" Hepper = E. intrusum Meikle
Eriocaulon paranense Moldenke = E. sellowianum var. paranense (Moldenke) Moldenke & Smith
Eriocaulon paranensis Moldenke = E. sellowianum var. paranense

(Moldenke) Moldenke & Smith — this is the corrected entry
Eriocaulon parosum Lesq. = probably a palm
Eriocaulon plantaginioides Hamilt. = Paepalanthus plantaginioides (Desv.) Körn. — this is the corrected entry
Eriocaulon plantaginoides Desv. = Paepalanthus plantaginioides (Desv.) Körn. — this is the corrected entry
Eriocaulon plantaginoides Ham. = Paepalanthus plantaginioides (Desv.) Körn. — this is the corrected entry
Eriocaulon plumale ssp. plumale [Hepper] = E. plumale N. E. Br.
Eriocaulon porosum Lesq. = probably a palm
Eriocaulon pumilum Afzel. ex Körn. = E. pulchellum Körn.
Eriocaulon schimperi Körn. ex Engl. = E. schimperi Körn.
Eriocaulon schimperi Körn. ex Ruhl. = E. schimperi Körn.
Eriocaulon stoloniferum Rendle = E. stoloniferum Welw.
Eriocaulon teuczii Ruhl. = E. teusczii Engl. & Ruhl.
"Glandularia canadensis x G. ambrosifolia" Solbrig = Verbena canadensis (L.) Britton x V. ambrosifolia Rydb.
"Glandularia canadensis x G. bipinnatifida" Solbrig = Verbena canadensis (L.) Britton x V. bipinnatifida Nutt.
"Glandularia canadensis x G. elegans" Solbrig = Verbena canadensis (L.) Britton x V. elegans H.B.K.
"Glandularia canadensis x G. maritima" Solbrig = Verbena canadensis (L.) Britton x V. maritima Small
"Glandularia canadensis x G. peruviana" Solbrig = Verbena canadensis (L.) Britton x V. peruviana (L.) Britton
"Glandularia canadensis x G. racemosa" Solbrig = xVerbena ferax Moldenke
"Glandularia canadensis x G. tampensis" Solbrig = Verbena canadensis (L.) Britton x V. tampensis Nash
"Glandularia megapotamica x G. pulchella" Solbrig = Verbena megapotamica Spreng. x V. pulchella Sweet
"Glandularia megapotamica x G. santiaguensis" Solbrig = xVerbena vaga Moldenke
Glandularia moricolor x peruviana Solbrig = Verbena moricolor Moldenke x V. peruviana (L.) Britton
Glandularia peruviana x moricolor Solbrig = Verbena peruviana (L.) Britton x V. moricolor Moldenke
Glandularia peruviana x pulchella Solbrig = Verbena peruviana (L.) Britton x V. pulchella Sweet
Glandularia santiaguensis x pulchella Solbrig = Verbena santiaguensis (Covas & Schnack) Moldenke x V. pulchella Sweet
Holmshjöldia Pleyte = Holmskioldia Retz.
Kalaharia uncinata Moldenke = K. uncinata (Schinz) Moldenke
Lachnocaulon engleri Ruhl. in Engler = L. engleri Ruhl.
Lanatana montevidensis Farnsworth = Lantana montevidensis (Spreng.) Briq.

Lantana fercalo Herb. = L. fucata Lindl.
Lantana glutinosa Otto & Dietr. = L. glutinosa Poepp.
Lantana horriba H.B.K. = L. horrida H.B.K.
Lantana indica var. albiflora Wt. ex C. B. Cl. = L. indica var. albiflora Wight
Lantana lilacina Chod. = Lippia balansae Briq.
Lantana rhodesiensis x trifolia Tanner = L. mearnsii var. latibracteolata Moldenke
Lavandula montevidensis (Spreng.) Briq. = Lantana montevidensis (Spreng.) Briq.
Lippia (Houst.) L. = Lippia Houst.
Lippia alba (Mill.) R. E. Br. = L. alba (Mill.) N. E. Br.
Lippia alba (Mill.) R. & Br. = L. alba (Mill.) N. E. Br.
Lippia canescens Knuth = Phyla nodiflora var. canescens (H.B.K.) Moldenke
Lippia canescens repens Perry = Phyla nodiflora var. canescens (H.B.K.) Moldenke
Lippia chamaedrifolia (Cham.) Steud. = Aloysia chamaedryfolia Cham.
Lippia citriodora (Ort.) H.B.K. = Aloysia triphylla (L'Hér.) Britton
Lippia imbricata Kuntze = Lantana achyranthifolia Desf.
Lippia lasyocalycina Cham. = L. lasiocalycina Cham.
Lippia nodiflora (C. Bauhin, L.) Michx. = Phyla nodiflora (L.) Greene
Lippia nodiflora var. reptans Kuntze = Phyla nodiflora var. reptans (Spreng.) Moldenke
Lippia recolletae Mold. = L. recolletae Morong
Lippia schlimii (Moldenke) Moldenke = L. schlimii Turcz.
Lippia schlimii var. glabrescens Moldenke = L. schlimii var. glabrescens (Moldenke) Moldenke
Lycium grandifolium Willd. = Aegiphila ternifolia (H.B.K.) Moldenke -- this is the corrected entry
Paepalanthus albicens Alv. Silv. = P. albiceps Alv. Silv.
Paepalanthus argyrepus Alv. Silv. = P. argyropus Alv. Silv.
Paepalanthus argyroderma Alv. Silv. = P. argyropus Alv. Silv.
Paepalanthus chryselepis Alv. Silv. = P. chrysolepis Alv. Silv.
Paepalanthus conduplicatus Körn. -- delete this entry
Paepalanthus elastissimus Alv. Silv. = P. elatissimus Alv. Silv.
Paepalanthus globulifer Alv. Silv. = P. planifolius var. globulifer (Alv. Silv.) Moldenke & Smith
Paepalanthus hatschbachi Moldenke = P. catharinae var. hatschbachi (Moldenke) Moldenke & Smith
Paepalanthus hatschbachii Moldenke = P. catharinae var. hatschbachi (Moldenke) Moldenke & Smith
Paepalanthus ibitiporensis Alv. Silv. = P. ibitipocensis Alv. Silv.

Paepalanthus langsdorffii var. chapadensis Moldenke = P. langsdorffii var. caracensis Moldenke

Paepalanthus paranensis Moldenke = Eriocaulon sellowianum var. paranense (Moldenke) Moldenke & Smith — this is the corrected entry

Paepalanthus phelpsae Moldenke — delete this entry

Paepalanthus piresii Moldenke = P. piresi Moldenke

Paepalanthus planifolium var. conduplicatulus Ruhl. = P. planifolius var. conduplicatulus Ruhl.

Paepalanthus planifolium var. conduplicatus Ruhl. = P. planifolius var. conduplicatulus Ruhl. — this is the corrected entry

Paepalanthus planifolius f. alpestris Körn. = P. planifolius var. alpestris Körn.

Paepalanthus planifolius var. conduplicata Ruhl. = P. planifolius var. conduplicatulus Ruhl. — this is the corrected entry

Paepalanthus planifolius var. conduplicatus Ruhl. = P. planifolius var. conduplicatulus Ruhl. — this is the corrected entry

Paepalanthus planifolius var. consanguinea (Körn.) = P. planifolius var. consanguineus (Körn.) Ruhl.

Paepalanthus planifolius var. puberula (Körn.) = P. planifolius var. puberulus (Körn.) Ruhl.

Paepalanthus plantaginoides Desv. = P. plantaginioides (Desv.) Körn. — this is the corrected entry

Paepalanthus plantaginoides (Hamilt.) Körn. = P. plantaginioides (Desv.) Körn. — this is the corrected entry

Paepalanthus poduncula tus Ruhl. = P. pedunculatus (Bong.) Ruhl.

Paepalanthus polyanthus var. villosus Beauverd = P. polyanthus f. villosus (Beauverd) Moldenke & Smith

Paepalanthus sercinhensis Alv. Silv. = P. serrinhensis Alv. Silv.

Paepalanthus trichocephalus Alv. Silv. = P. tricholepis Alv. Silv.

Paepalanthus sp. Niederlein = Eriocaulon argentinum Castell. — this is the corrected entry

Petitia quindiuensis H.B.K. = Aegiphila quinduensis (H.B.K.) Moldenke

Petrea racemosa Nees & Mart. = P. racemosa Nees

Petrea volubilis var. albiflora Moldenke = P. volubilis var. albiflora (Standl.) Moldenke

Phyla nodiflora Michx. = P. nodiflora (L.) Greene

Phyla nodiflora var. repetans (H.B.K.) Moldenke = P. nodiflora var. reptans (Spreng.) Moldenke

Phyla nodiflora var. rosea (D. Don in Sweet) Moldenke = P. nodiflora var. rosea (D. Don) Moldenke

Phyla scaberrima Juss. = P. scaberrima (A. L. Juss.) Moldenke

Pityrodia teckiana (F. Muell.) Benth. = P. teckiana (F. Muell.) E. Pritz.

Premna chrysoclada Gürke = P. chrysoclada (Bojer) Gürke
Premna coriacea Ridl. & Curtis = P. divaricata Wall.
Premna rubens Ridl. = P. flavescens var. rubens C. B. Clarke
Pseudo-viburnum americanum Rivin. = Lantana camara L.
Stachytarpheta dichotoma H.B.K. = S. cayennensis (L. C. Rich.) Vahl
Stachytarpheta dichotyma MacDaniels = S. australis Moldenke
Stachytarpheta franzii Polak. = S. frantzii Polak.
Stachytarpheta jamaikensis L. = S. jamaicensis (L.) Vahl
Stachytarpheta mutabilis var. maxonii Mold. = S. mutabilis var. maxoni Moldenke
Svensonia laeta (Fenkl.) Moldenke = S. laeta (Fenzl) Moldenke
Syngonanthes Ruhl. = Syngonanthus Ruhl.
Syngonanthus carralensis Alv. Silv. = S. cabralensis Alv. Silv.
Syngonanthus caulescens var. procerus (Klotzsch ex Schomb.) Moldenke = S. caulescens var. procerus (Klotzsch) Moldenke
Syngonanthus gracilis Molfino = Eriocaulon argentinum Castell. — this is the corrected entry
Syngonanthus hanningtonii N. E. Br. = Eriocaulon transvaalicum var. hanningtonii (N. E. Br.) Meikle
Syngonanthus plumosus Alv. Silv. = S. plumosus Alv. Silv.
Syngonanthus tricostatus Gleason = S. xeranthemoides var. tricostatus (Gleason) Moldenke — this is the corrected entry
Taligalea punicea Hort. = Amasonia calycina Hook. f.
Verbena (Tourn.) L. = Verbena [Dorst.] L.
"Verbena ambrosifolia Rydb. x V. canadensis (L.) Britton" — see reverse cross
"Verbena bipinnatifida Nutt. x V. canadensis (L.) Britton — see reverse cross
Verbena bonaviensis Farnsworth = V. bonariensis L.
"Verbena elegans H.B.K. x V. canadensis (L.) Britton" — see reverse cross
Verbena erinaides Willd. = V. laciniata (L.) Briq. — this is the corrected entry
Verbena erinoides var. sabini Sweet = V. laciniata var. contracta (Lindl.) Moldenke — this is the corrected entry
Verbena erinoides sabinii D. Don = V. laciniata var. contracta (Lindl.) Moldenke — this is the corrected entry
Verbena goddingii Briq. = V. gooddingii Briq.
Verbena goddingii var. nepetifolia Tidestr. = V. gooddingii var. nepetifolia Tidestr.
Verbena laciniata var. sabini (Sweet) Moldenke = V. laciniata var. contracta (Lindl.) Moldenke
Verbena laciniata var. sabinii Moldenke = V. laciniata var. contracta (Lindl.) Moldenke — this is the corrected entry
"Verbena maritima Small x V. canadensis (L.) Britton" — see reverse cross

Verbena melindres latifolia Hort. = V. phlogiflora Cham.
Verbena multifida sabini D. Don = V. laciniata var. contracta (Lindl.) Moldenke -- this is the corrected entry
"Verbena peruviana (L.) Britton x V. canadensis (L.) Britton" -- see the reverse cross
Verbena phlogiflora var. alfa Troncoso = V. megapotamica Spreng.
Verbena phlogiflora var. beta Troncoso = V. phlogiflora Cham.
"Verbena pulchella Sweet x V. megapotamica Spreng." -- see reverse cross
Verbena pulcherrima Hook. = V. laciniata (L.) Briq.
Verbena sabini Hort. = V. laciniata var. contracta (Lindl.) Moldenke -- this is the corrected entry
Verbena sabini Sweet = V. laciniata var. contracta (Lindl.) Moldenke -- this is the corrected entry
Verbena sabiniana D. Don = V. laciniata var. contracta (Lindl.) Moldenke -- this is the corrected entry
"Verbena tampensis Nash x V. canadensis (L.) Britton" -- see reverse cross
Verbena tencrioides Gill. = V. platensis Spreng.
Verbena teucriodes Roberts = V. platensis Spreng.
Verbenaca recta Fuchs = Verbena officinalis L.
Verbenaca recta sive mas Fuchs = Verbena officinalis L.
Verbenaca svpina sive foemina Fuchs = Verbena supina L.
Vites pinnata Burm. f. = Aglaia odorata Lour., Meliaceae
Vitex (Tourn.) L. = Vitex Tourn.
Vitex buchanani Bak. ex Gürke = V. buchananii J. G. Baker
Vitex negundo var. heterophylla Rehd. = V. negundo var. heterophylla (Franch.) Rehd.
Vitex negundo var. incisa (Lam.) C. B. Clarke = V. negundo var. heterophylla (Franch.) Rehd.
Vitex negundo var. negundo [Encke & Buchheim] = V. negundo L.
Vitex orinocensis var. multiflora Miq. = V. orinocensis var. multiflora (Miq.) Huber
Vitex thyrsifolius J. G. Baker = V. thyrsiflora J. G. Baker

Some copies of my 974-page two-volume "A Fifth Summary of the Verbenaceae, Avicenniaceae, Stilbaceae, Dicrastylidaceae, Symphoremaceae, Nyctanthaceae, and Eriocaulaceae of the World as to Valid Taxa, Geographic Distribution, and Synonymy", published on December 22, 1971, are still available from Mrs. Alma L. Moldenke, 303 Parkside Road, Plainfield, New Jersey 07060, U.S.A., for $25 (plus $1.20 for postage and handling to domestic addresses, $1.62 for foreign addresses). Supplement 1 was published in Phytologia 23: 413--438 on July 13, 1972, and Supplement 2 in volume 25, pages 225 to 245 on February 6, 1973. It is planned to publish more supplements annually. Collectors and curators of herbaria with material of these groups are invited to send it to me for annotation.